

Appl. No. : 10/063,523
Filed : May 2, 2002

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** An isolated polypeptide having at least 80% amino acid sequence identity to:
 - (a) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22);~~
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22)~~ lacking its associated signal peptide;
 - ~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22);~~
 - ~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22), lacking its associated signal peptide; or~~
 - (ec) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209963,
wherein the polypeptide is more highly expressed in normal stomach than in stomach tumor, or wherein the polypeptide is encoded by a polynucleotide that is more highly expressed in normal stomach than in stomach tumor.
2. **(Currently amended)** The isolated polypeptide of Claim 1, having at least 85% amino acid sequence identity to:
 - (a) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22);~~
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22)~~ lacking its associated signal peptide;
 - ~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22);~~
 - ~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22), lacking its associated signal peptide; or~~
 - (ec) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209963,
wherein the polypeptide is more highly expressed in normal stomach than in stomach tumor, or wherein the polypeptide is encoded by a polynucleotide that is more highly expressed in normal stomach than in stomach tumor.

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3. **(Currently amended)** The isolated polypeptide of Claim 1, having at least 90% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22);~~

(b) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22)~~ lacking its associated signal peptide;

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22), lacking its associated signal peptide; or~~

(ec) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209963,

wherein the polypeptide is more highly expressed in normal stomach than in stomach tumor, or wherein the polypeptide is encoded by a polynucleotide that is more highly expressed in normal stomach than in stomach tumor.

4. **(Currently amended)** The isolated polypeptide of Claim 1, having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22);~~

(b) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22)~~ lacking its associated signal peptide;

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22), lacking its associated signal peptide; or~~

(ec) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209963,

wherein the polypeptide is more highly expressed in normal stomach than in stomach tumor, or wherein the polypeptide is encoded by a polynucleotide that is more highly expressed in normal stomach than in stomach tumor.

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5. **(Currently amended)** The isolated polypeptide of Claim 1, having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22);~~

(b) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22)~~ lacking its associated signal peptide;

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22), lacking its associated signal peptide; or~~

~~(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209963,~~

wherein the polypeptide is more highly expressed in normal stomach than in stomach tumor, or wherein the polypeptide is encoded by a polynucleotide that is more highly expressed in normal stomach than in stomach tumor.

6. **(Currently amended)** An isolated polypeptide comprising:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22);~~

(b) the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22)~~ lacking its associated signal peptide;

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 22 (SEQ ID NO:22), lacking its associated signal peptide; or~~

~~(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209923.~~

7. **(Currently amended)** The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22).~~

8. **(Currently amended)** The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:22 ~~shown in Figure 22 (SEQ ID NO:22),~~ lacking its associated signal peptide.

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9-10 **(Cancelled)**

11. **(Previously presented)** The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209923.

12. **(Previously presented)** A chimeric polypeptide comprising a polypeptide according to Claim 1 fused to a heterologous polypeptide.

13. **(Previously presented)** The chimeric polypeptide of Claim 12, wherein the heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.